

1965

MIXACO entering the Mixing technology

Experience

Knowledge and expertise from more than 50 years in the engineering business means our know-how is second to none. We've done more than just follow the continuous development of process engineering—we've helped to shape it. To this day, many of our patented solutions are still making processes easier for our customers and ensuring greater efficiency in industrial workflows.

Quality

In the mixing technology industry, the name MIXACO has always been synonymous with outstanding quality. High-grade components and robust design in combination with first-class workmanship guarantee the durability of our machines. The most convincing proof is that some of our machines have been in use for more than 30 years and are still going strong.





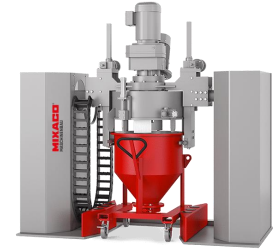
MIXACO Heating / Cooling Mixer



MIXACO High-Speed Mixer



MIXACO Container Mixer Vortex™



MIXACO Container Mixer Multitool™



MIXACO Sack and Drum Mixer Speedy™



MIXACO Laboratory Mixer



MIXACO Universal Mixer Vertical



**MIXACO Universal Mixer horizontal
Revolution™**

RESEARCH & DEVELOPMENT

- Mixing tests and feasibility studies
- Production (made in Germany)
- Installation
- Commissioning
- After Sales Service
- Repair service at MIXACO or at the customer's site
- Ultrasonic Inspections
- Blade repair of most common Manufacturers (Henschel, MTI, Plasmec)
- Traditional Wear Coatings
 - Ceramic / Carbide
- MIXACO's Fuse Coating



MIXACO Heating/Cooling mixer horizontal

MIXACO's combined heating/cooling mixers are the optimum solution for complex mixing challenges. The systems are characterized by their outstanding product preparation in the heating phase and high-efficiency cooling performance.



- ✓ Homogenization
- ✓ Dispersion
- ✓ Dyeing
- ✓ Preparation
- ✓ Agglomeration
- ✓ Comminution
- ✓ Drying
- ✓ Coating
- ✓ Bonding
- ✓ Wetting
- ✓ Disaggregation and dyeing of fibers



Advantages

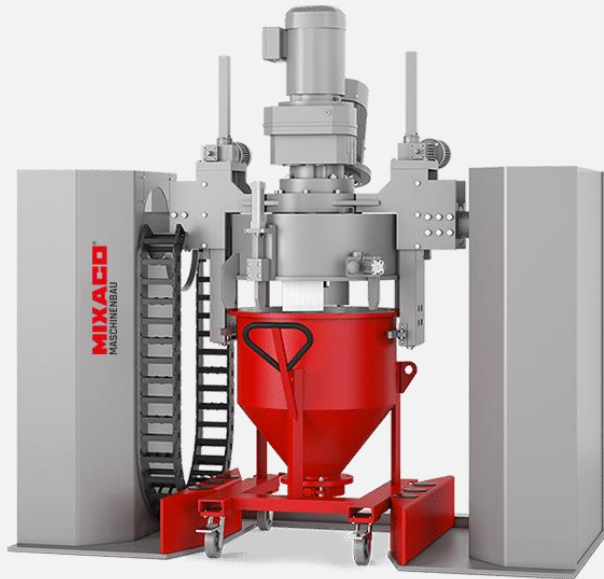
- High-performance cooling with throughput volumes over 2,500 kg/h
- High quality machines
- Process-optimized mixing tools guarantee optimum energy input
- Selection of performance-optimized mixing drives for high energy efficiency
- Innovative aspiration for optimum dehumidification of the mixture
- Wide range of optional accessories allow ideal adaptation to installation space requirements
- ATEX execution possible
- Large cooling areas and specifically designed water circulation in container and lid for optimum cooling performance
- Good accessibility for an easy cleaning

Applications

- PVC (soft/rigid)
- WPC
- Masterbatches
- Metal Compounds
- a.m.m.

MIXACO Container Mixer Multitool™

The MIXACO container mixer Multitool™ is ideal for the careful mixing of temperature-sensitive materials. An innovative mixing concept with new tools and a special process enables mixing without temperature increase.



- ✓ Homogenization
- ✓ Dispersion
- ✓ Wetting
- ✓ Disaggregation

Advantages

- Minimal product heating
- Optimum homogenization
- Adjustable comminution rate
- No fusion or adhesion of material
- Reduced cleaning time
- User-friendly, ergonomically optimized cleaning in preconfigured cleaning position
- Material transport in mixing container for greater logistical efficiency
- High flexibility
- Wide range of tool and motor combinations enable use in many different mixing tasks
- Low energy consumption

Applications

- Powder coatings
- Masterbatches (PE, PP, PA, PVC, PS, ABS, TPE, EPS...)
- Toner (pre- and ready-mixed)
- PTFE
- Cosmetics
- Color concentrates
- Additive (e.g. TiO₂, CaCo₃, Zn, MgO etc.)
- And many more